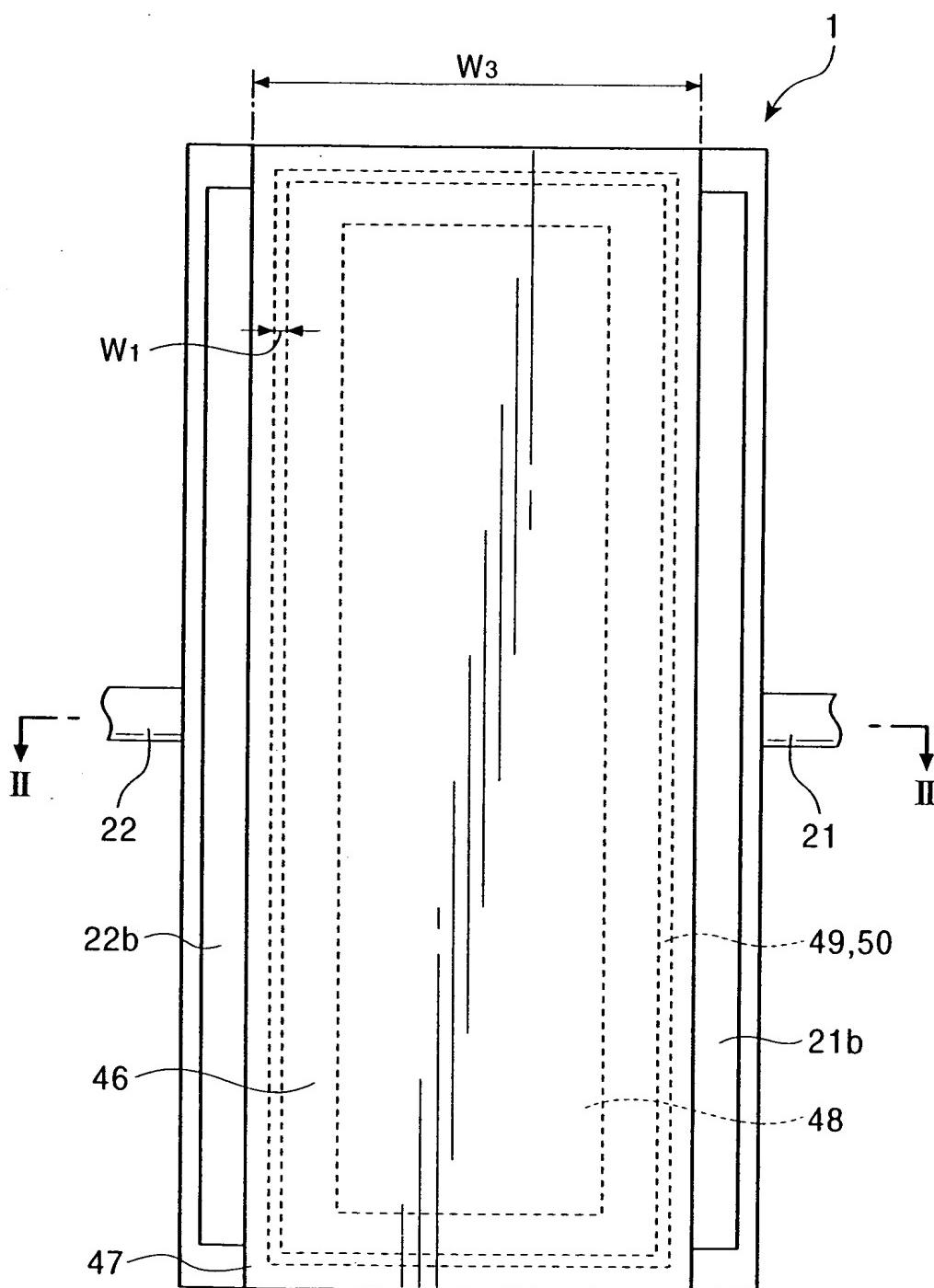


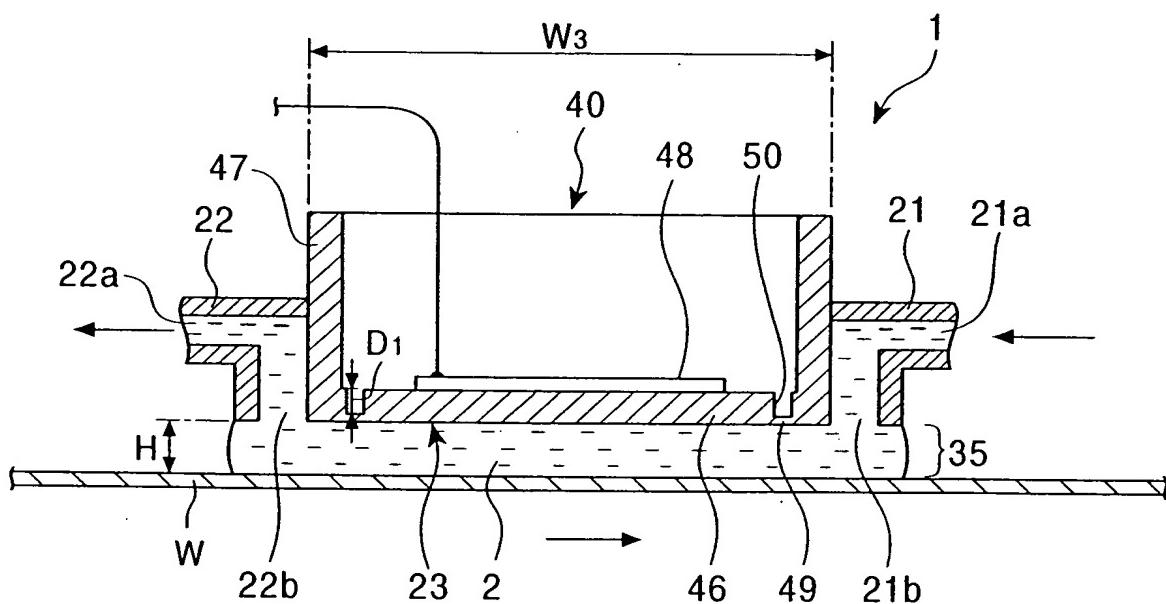
1 / 12

FIG. 1



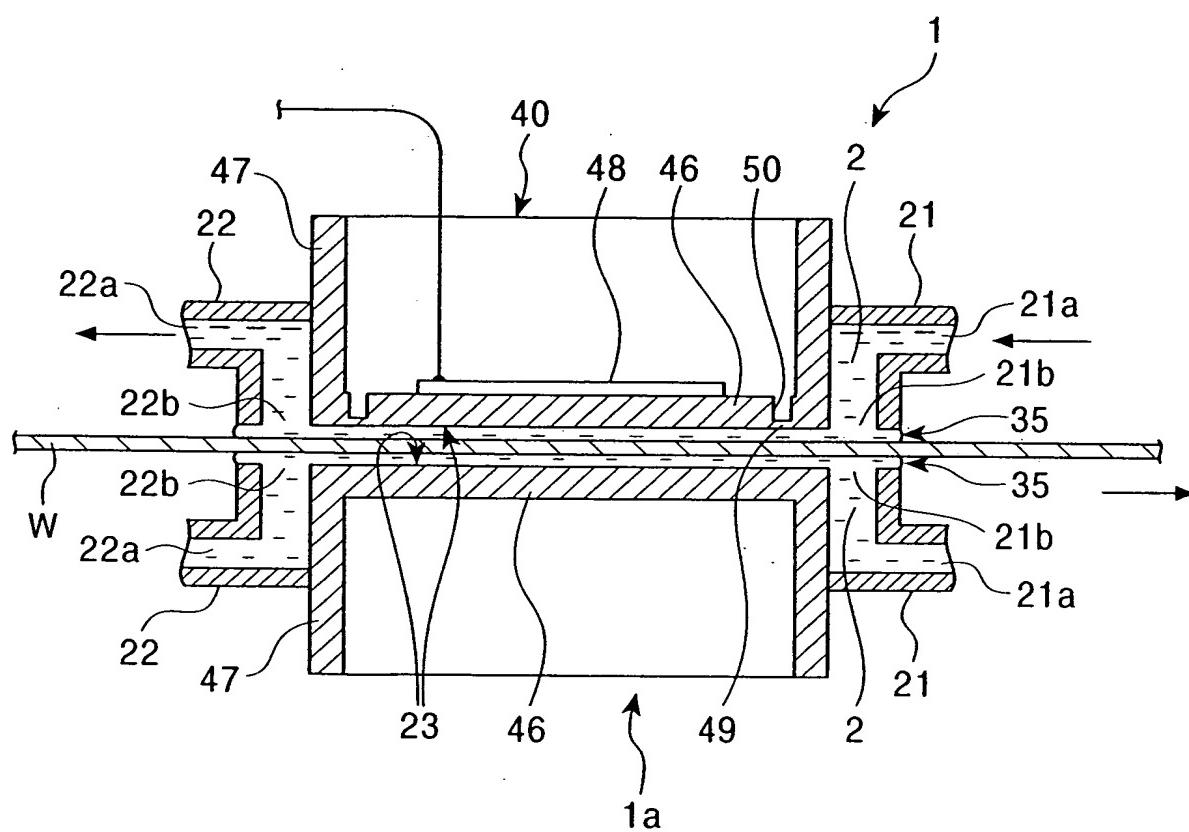
2 / 12

FIG. 2



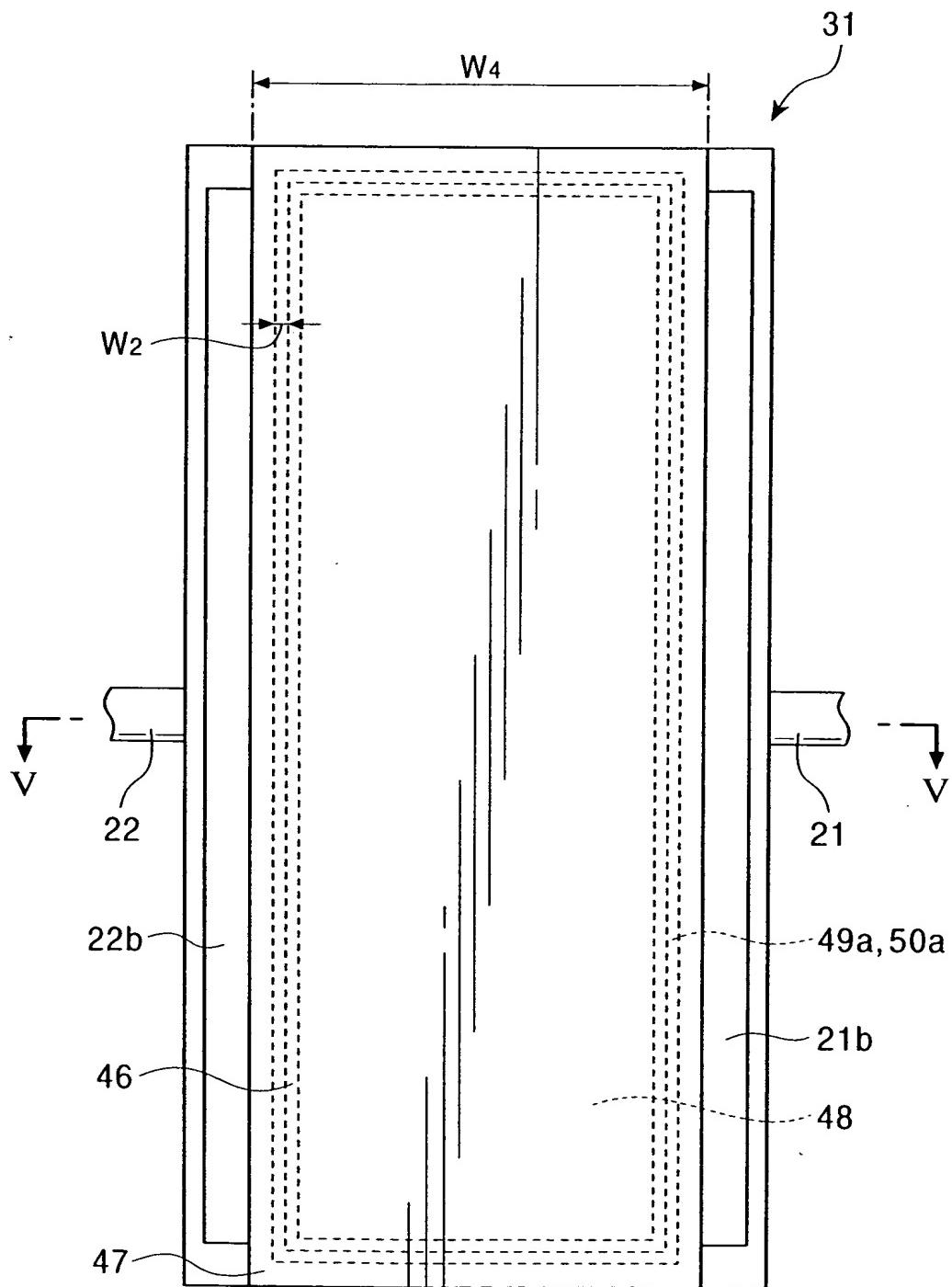
3 / 12

FIG. 3



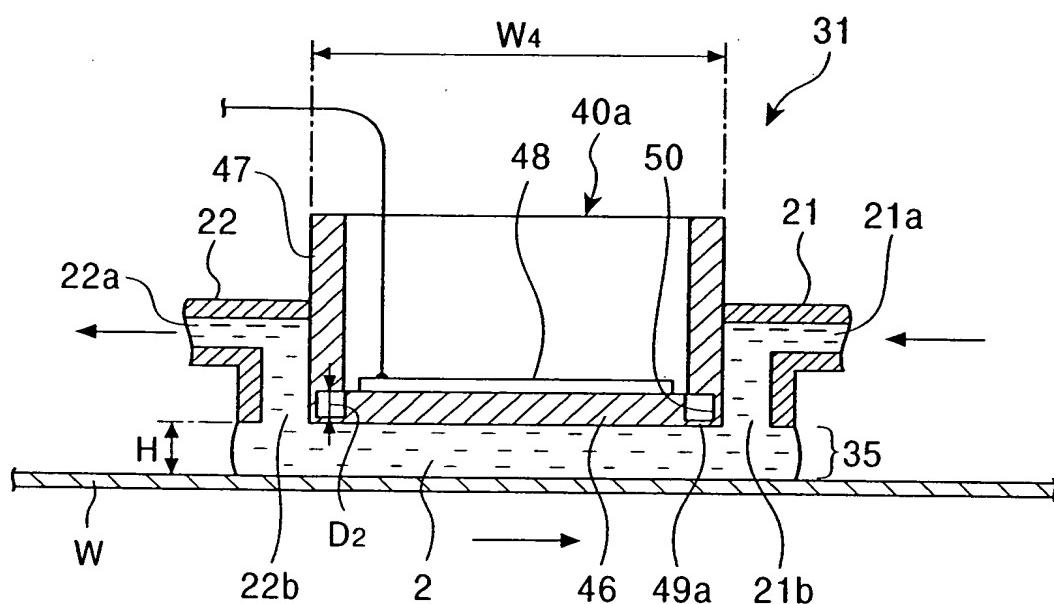
4 / 12

FIG. 4



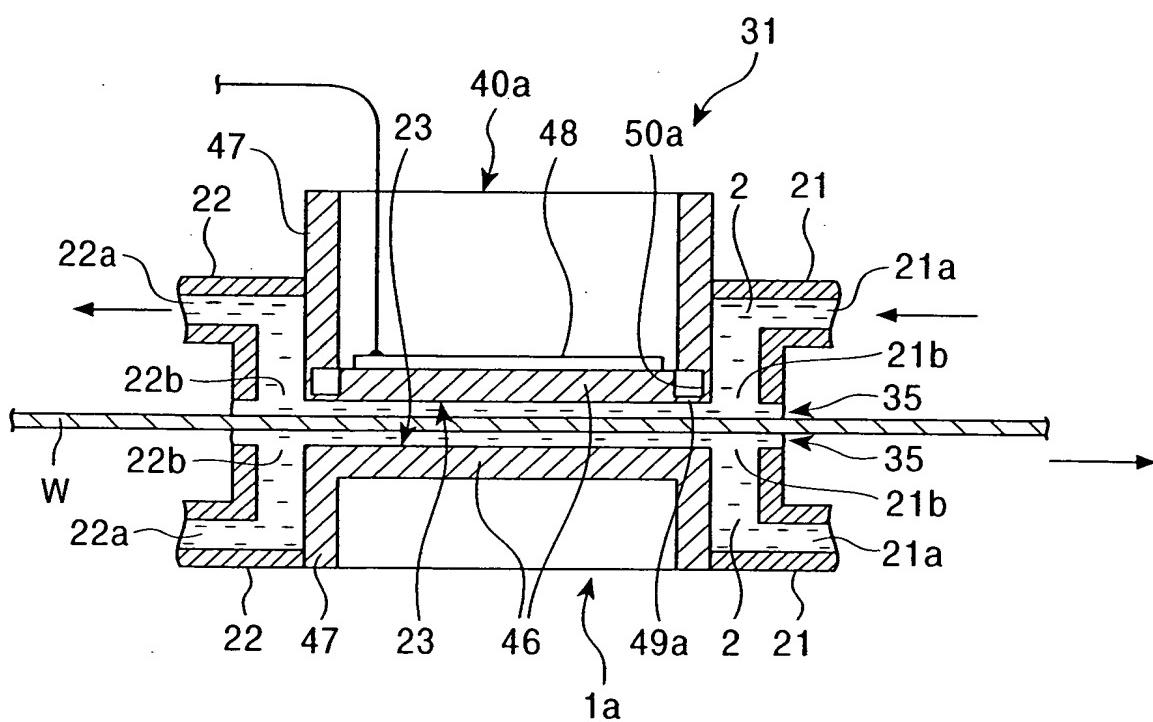
5 / 12

FIG. 5



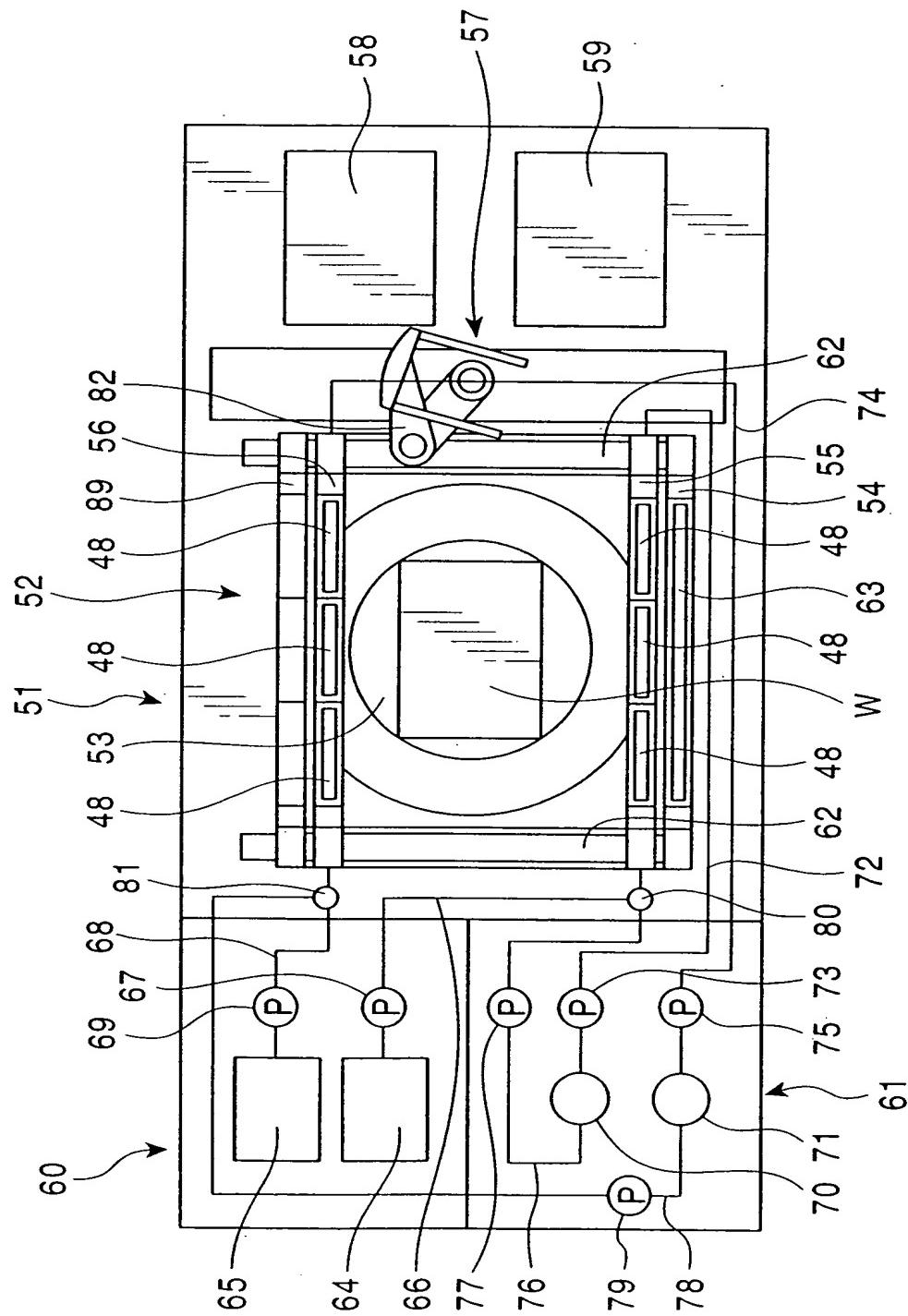
6 / 12

FIG. 6



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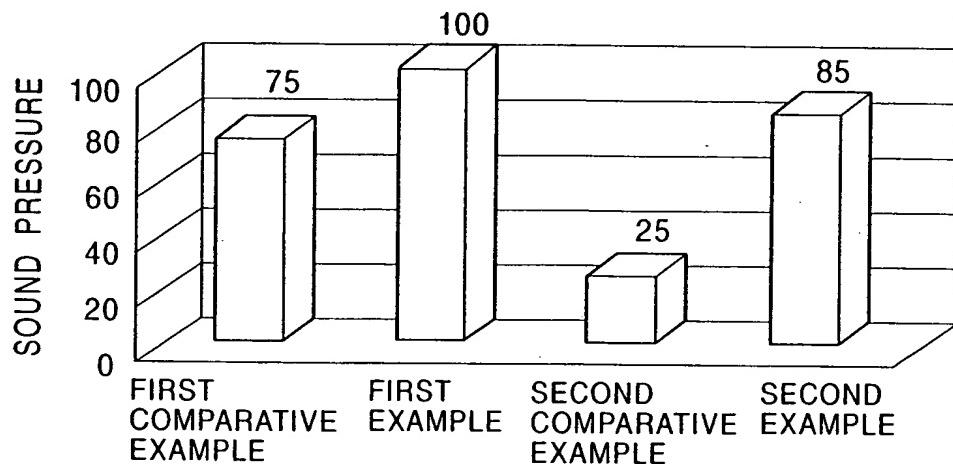
FIG. 7



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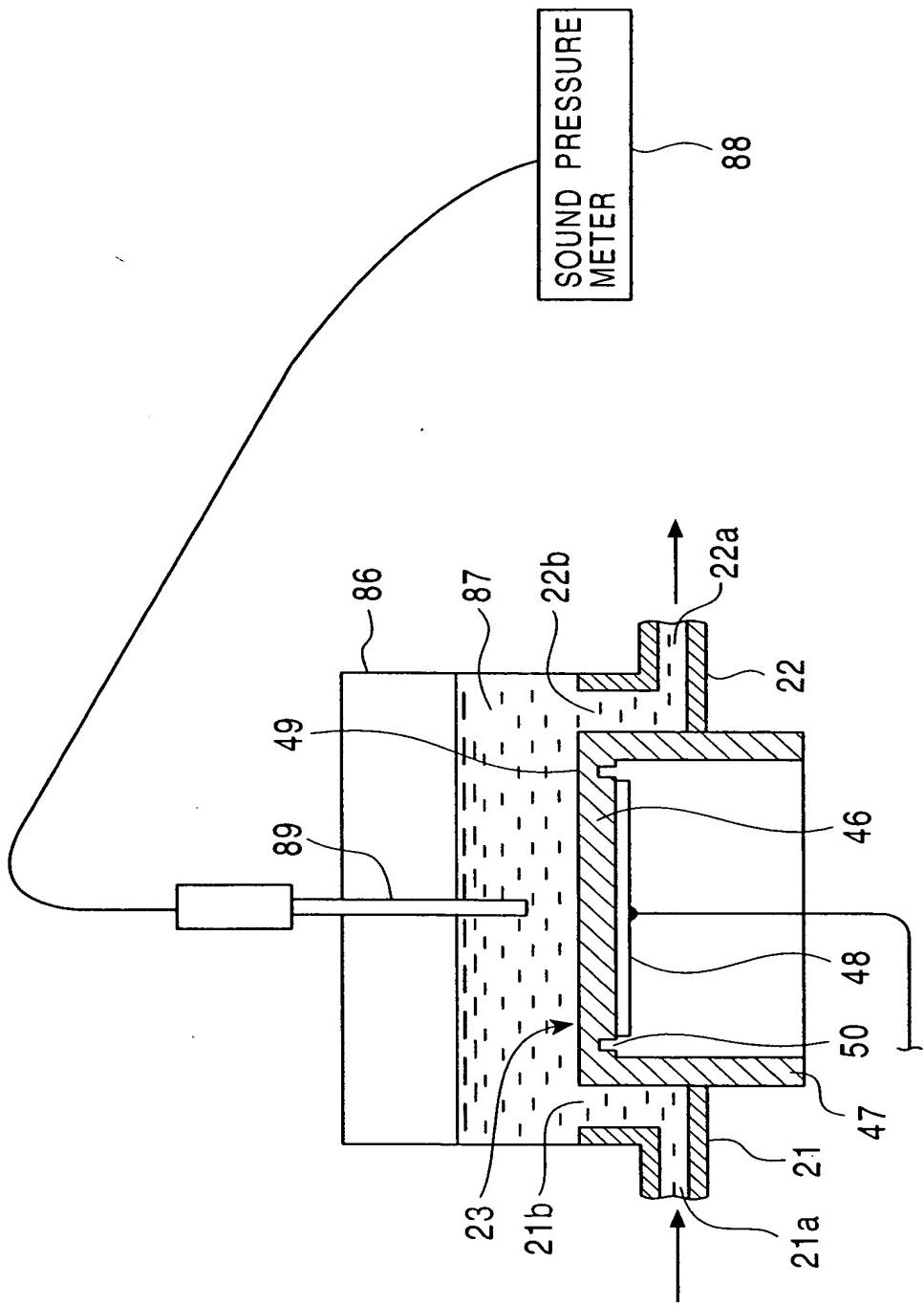
FIG. 8

MEASUREMENT OF SOUND PRESSURES
(VIBRATOR BODY WIDTH : 33mm)



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FIG. 9



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FIG. 10

COMPARISON OF NOZZLE DEPTHS
(VIBRATOR BODY WIDTH : 33mm)

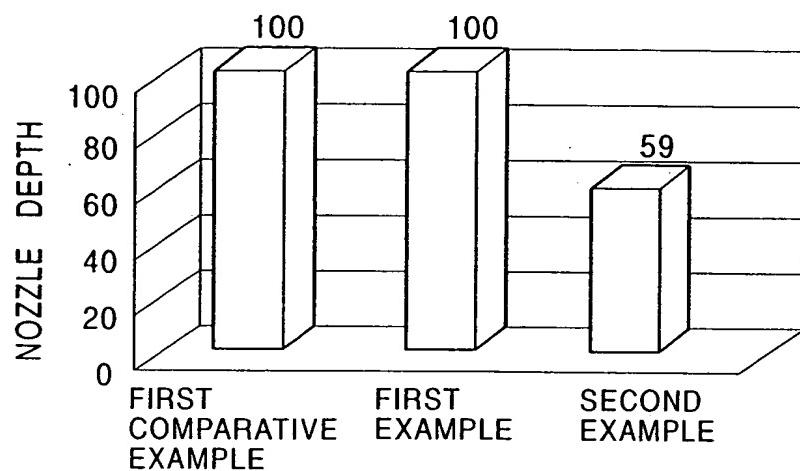
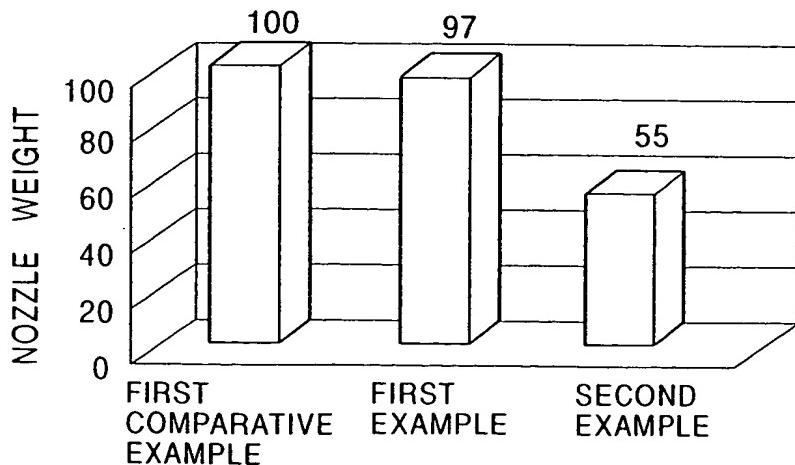


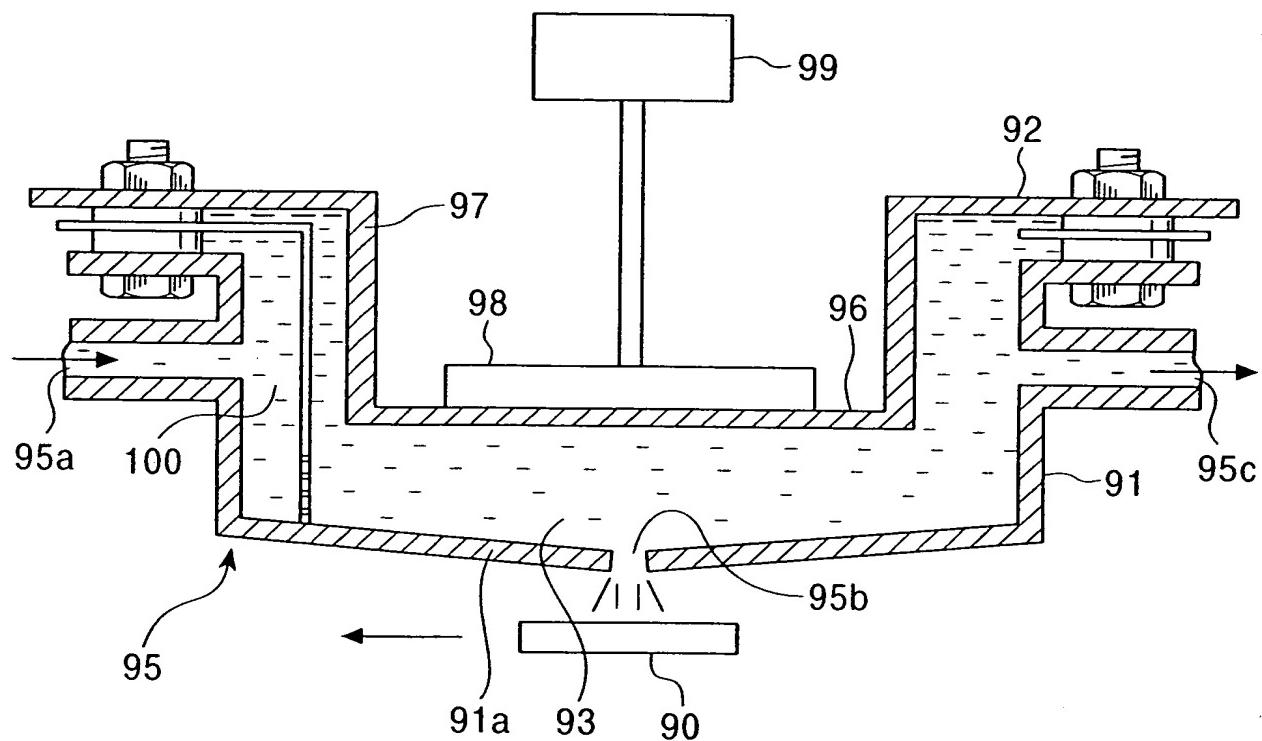
FIG. 11

COMPARISON OF NOZZLE WEIGHTS
(VIBRATOR WEIGHT)



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FIG. 12
PRIOR ART



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FIG. 13
PRIOR ART

